

THE EMBODIMENTS OF THE INVENTION IN WHICH AN EXCLUSIVE PROPERTY OR PRIVILEGE IS CLAIMED ARE DEFINED AS FOLLOWS:

5 1. A nitric oxide gas generator, comprising:

a body having a dilution inlet chambers, a chemical mixing chamber, and a dilution outlet chamber, a dilution inlet for diluent gases being provided into the dilution inlet chamber, an inlet being provided to permit entry of the diluent gases into the chemical mixing chamber, an outlet being provided to permit the exit of diluted nitric oxide gas from the chemical mixing chamber to the dilution outlet chamber, a dilution outlet being provided for removal of diluted nitric oxide gas from the dilution outlet chamber;

10 15 supports for supporting chemicals to be reacted to produce nitric oxide gas; and

a heat source to heat the chemical mixing chamber in which chemicals are mixed to initiate a chemical reaction that produces nitric oxide gas.